



PATENT

Attorney Docket: 4208-4146

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): OKSANEN et al.

Group Art Unit: Unassigned

Serial No.: 10/660,634

Examiner: Unassigned

Filed: September 12, 2003

For: ULTRA-WIDEBAND/LOW POWER COMMUNICATION HAVING A DEDICATED  
MEMORY STICK FOR FAST DATA DOWNLOADS – APPARATUS, SYSTEMS AND  
METHODS

**INFORMATION DISCLOSURE STATEMENT UNDER 1.97**

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Sir:

Pursuant to Rule 56, applicant hereby calls the attention of the Patent Office to the references

listed on the attached Form PTO 1449. Copy(ies) of these references ☒ are attached ☐ were were filed in related  
application U.S. Serial No(s) \_\_\_\_\_, filed \_\_\_\_\_, respectively.

- ☐ This document is being filed within three (3) months of the filing date of the application
- ☐ A check for the requisite fee of \$180 is enclosed.
- ☐ This document is being concurrently filed with the above-identified application
- ☒ This document is being filed prior to a first Office Action
- ☐ This document is accompanied by a Search Report/Communication cited in a corresponding PCT or foreign counterpart application.
- ☒ Applicants do not believe any fee is due with this Submission. However, the Commissioner is hereby authorized to charge any additional fees which may be required for this Information Disclosure Statement, or credit any overpayment to Deposit Account No. 13-4503, Order No. 4208-4146. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

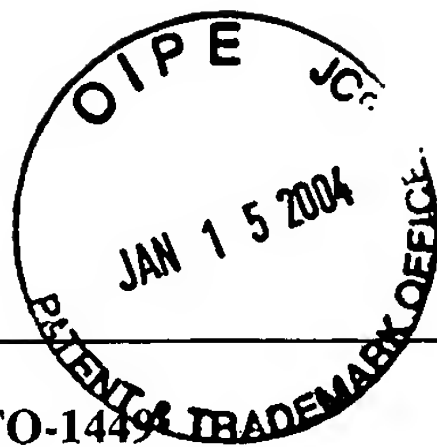
Respectfully submitted,  
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Date: January 15, 2004

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<b>FORM PTO-1449</b> <b>INFORMATION DISCLOSURE CITATION</b>		Attorney Docket: 4208-4146		Serial No.: 10/660,634			
		Applicant: Zilliacus et al.					
		Filing Date: September 12, 2003		Group Art Unit: Unassigned			
<b>U.S. PATENT DOCUMENTS</b>							
Examiner Initial		Document Number	Date	Name	Class	Sub- Class	Filing Date
		5,677,927	10/14/1997	Fullerton et al.	375	200	09/20/1994
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<b>FOREIGN PATENT DOCUMENTS</b>							
		Document Number	Date	Country	Class	Sub- Class	Translation
<b>OTHER DOCUMENTS (Including Author, Title, Date, etc.)</b>							
		O'Donnell et al., "An Integrated, Low Power, Ultra-Wideband Transceiver Architecture for Low-Rate, Indoor Wireless Systems", Dept. of Electrical Engineering & Computer Science, University of California, Berkeley, Berkeley, CA, 8 pgs.					
		P. I. I. Withington, et al., "An Impulse Radio Communication System", "Proceedings of the International Conference on Ultra-Wideband, Short Pulse Electromagnetics", (ISBN 0-306-44530-1), October 19, 1992, pgs. 113-200.					
		J. Bray and C. Serman, "Bluetooth 1.1-Connect Without Cables", Prentice Hall Inc., Upper Saddle River, NJ 1002 (ISBN 0-13-066106-6), Sects. 5.4., pgs. 70-78					
		D. J. Costello, Jr., et al., "Applications of Error-Control Coding", IEEE Transactions of Information Theory, October 1998, Vol. 44, pgs.2531-2560					
Examiner			Date Considered				
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							